Audio system type

▶ With navigation system

Owners of models equipped with a navigation system should refer to the “Navigation System Owner's Manual”.

▶ Without navigation system (type A)

CD player with changer and AM/FM radio



CLY32AB217

▶ Without navigation system (type B)

CD player with changer and AM/FM radio



CLY32AB218

3

Interior features

Using cellular phones

Interference may be heard through the audio system's speakers if a cellular phone is being used inside or close to the vehicle while the audio system is operating.

CAUTION

For vehicles sold in U.S.A. and Canada

- Part 15 of the FCC Rules

  FCC Warning:
  Any unauthorized changes or modifications to this equipment will void the user's authority to operate this device.

- Laser products

  - Do not take this unit apart or attempt to make any changes yourself.
    This is an intricate unit that uses a laser pickup to retrieve information from the surface of compact discs. The laser is carefully shielded so that its rays remain inside the cabinet. Therefore, never try to disassemble the player or alter any of its parts since you may be exposed to laser rays and dangerous voltages.
  - This product utilizes a laser.
    Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

NOTICE

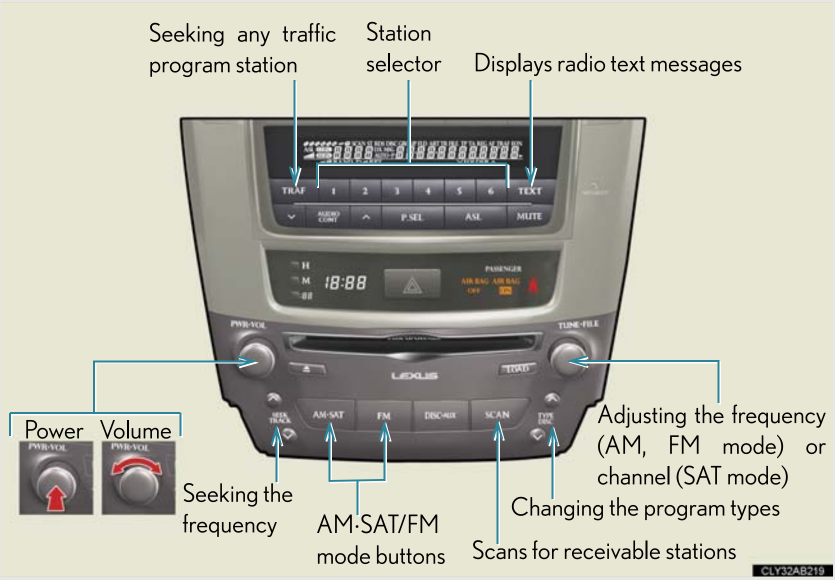
- **To prevent battery discharge**

  Do not leave the audio system on longer than necessary with the engine off.

- **To avoid damaging the audio system**

  Take care not to spill drinks or other fluids over the audio system.

Using the radio



Setting station presets (excluding XM® Satellite Radio)

STEP 1 Search for desired stations by turning  or pressing "∧" or "∨" on .

STEP 2 Press and hold the button (from  to ) the station is to be set to until you hear a beep.

Scanning radio stations (excluding XM® Satellite Radio)

■ Scanning the preset radio stations

STEP 1 Press and hold  until you hear a beep.

Preset stations will be played for 5 seconds each.

STEP 2 When the desired station is reached, press  once again.

Scanning all radio stations within range

STEP 1 Press .

All stations with reception will be played for 5 seconds each.

STEP 2 When the desired station is reached, press  once again.

RDS (Radio Data System)

This feature allows your radio to receive station identification information and program information (classical, jazz, etc.) from radio stations which broadcast this information.

Receiving RDS broadcasts

STEP 1 Press “∧” or “∨” on  during FM reception.

The type of program changes each time  is pressed.

- ROCK
- EASYLIS (Easy listening)
- CLS/JAZZ (Classical music and Jazz)
- R & B (Rhythm and Blues)
- INFORM (Information)
- RELIGION
- MISC (Miscellaneous)
- ALERT (Emergency messages)

If the system receives no RDS stations, “NO PTY” appears on the display.

STEP 1 Press , or “∧” or “∨” on .

The radio seeks or scans the station by the relevant program type.

- **Displaying radio station names**

Press TEXT .

- **Displaying radio text messages**

Press TEXT twice.

If MSG shows in the display, a text message will be displayed.

If the text continues past the end of the display, ▶ is displayed. Press and hold TEXT until you hear a beep.

XM® Satellite Radio (if equipped)

- **Receiving XM® Satellite Radio**

STEP 1 Press AM·SAT .

The display changes as follows each time AM·SAT is pressed.

AM → SAT1 → SAT2 → SAT3

STEP 2 Turn TUNE·FILE to select the desired channel in the all categories or press "∧" or "∨" on SEEK TRACK to select the desired channel in the current category.

- **Setting XM® Satellite Radio channel presets**

Select the desired channel. Press the button the channel is to be set to (from 1 to 6), and you hear a beep.

- **Changing the channel category**

Press "∧" or "∨" on TYPE DISC .

Scanning XM® Satellite Radio channels

- Scanning channels in the current category

STEP 1 Press SCAN.

STEP 2 When the desired channel is reached, press SCAN again.

- Scanning preset channels

STEP 1 Press and hold SCAN until you hear a beep.

STEP 2 When the desired channel is reached, press SCAN again.

Displaying text information

Press TEXT.

The display will show up to 10 characters.

The display changes as follows each time TEXT is pressed.

- CH NAME
- TITLE (SONG/PROGRAM TITLE)
- NAME (ARTIST NAME/FEATURE)
- CH NUMBER

When the battery is disconnected

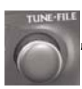
Stations presets are erased.

Reception sensitivity

- Maintaining perfect radio reception at all times is difficult due to the continually changing position of the antenna, differences in signal strength and surrounding objects, such as trains, transmitters, etc.
- The radio antenna is mounted inside the rear window. To maintain clear radio reception, do not attach metallic window tinting or other metallic objects to the antenna wire mounted inside the rear window.

XM® Satellite Radio

An XM® Satellite Radio is a tuner designed exclusively to receive broadcasts provided under a separate subscription. Availability is limited to the 48 contiguous states and 10 Canadian provinces.

- XM® subscriptions
  For detailed information about XM® Satellite Radio or to subscribe:
  U.S.A. —
  Visit on the web at www.xmradio.com or call 1-877-515-3987.
  Canada —
  Visit on the web at www.xmradio.ca or call 1-877-438-9677.
- Radio ID
  You will need the radio ID when activating XM® service or reporting a problem. Select “CH000” using 

  , and the receiver's 8-character ID number will appear.
- Satellite tuner
  The tuner supports only Audio Services (Music and Talk) and the accompanying Text Information of XM® Satellite Radio.

■ **If the satellite radio does not operate normally**

If a problem occurs with the XM® tuner, a message will appear on the display. Refer to the table below to identify the problem, and take the suggested corrective action.

"ANTENNA"	The XM® antenna is not connected. Check whether the XM® antenna cable is attached securely.
	There is a short-circuit in the antenna or the surrounding antenna cable. See a Lexus certified dealer.
"UPDATING"	You have not subscribed to the XM® Satellite Radio. The radio is being updated with the latest encryption code. Contact the XM® Satellite Radio for subscription information. When a contract is canceled, you can choose the "CH000" and all free-to-air channels.
	The premium channel you selected is not authorized. Wait for about 2 seconds until the radio returns to the previous channel or "CH001". If it does not change automatically, select another channel. If you want to listen to the premium channel, contact the XM® Satellite Radio.
"NO SIGNAL"	The XM® signal is too weak at the current location. Wait until your vehicle reaches a location with a stronger signal.
"LOADING"	The unit is acquiring audio or program information. Wait until the unit has received the information.
"OFF AIR"	The channel you selected is not broadcasting any programming. Select another channel.
"-----"	There is no song/program title or artist name/feature associated with the channel at that time. No action needed.

"---"	The channel you selected is no longer available. Wait for about 2 seconds until the radio returns to the previous channel or "CH001". If it does not change automatically, select another channel.

Contact the XM® Listener Care Center at 1-877-515-3987 (U.S.A.) or 1-877-438-9677 (Canada).

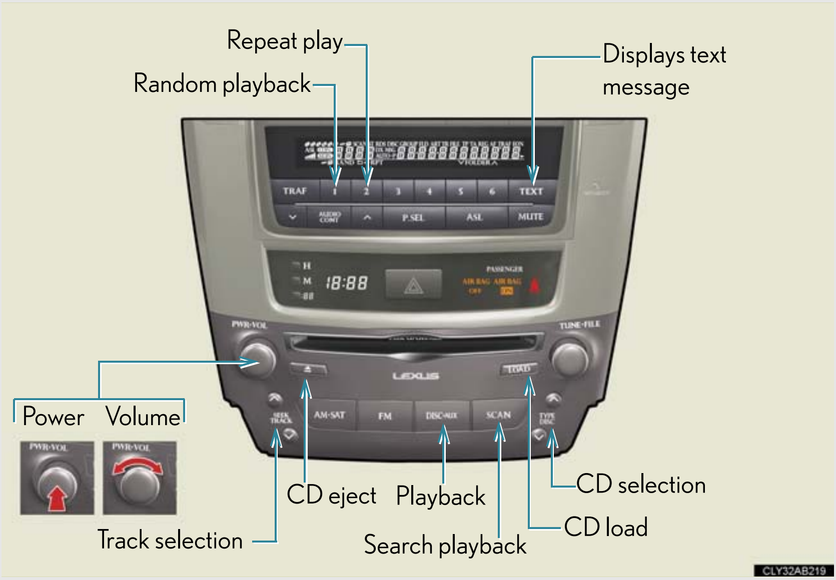
■ **Certifications for the radio tuner**

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by trying one or more of the following:

- Reorienting or relocate the receiving antenna.
- Increasing the separation between the equipment and receiver.
- Connecting the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consulting the dealer or an experienced radio/TV technician for help.

Using the CD player



Loading CDs

Loading a CD

STEP 1 Push LOAD.

"WAIT" is shown on the display.

STEP 2 Insert a CD when the indicator on the slot turns from amber to green.

The display changes from "WAIT" to "LOAD".

Loading multiple CDs

STEP 1 Press and hold LOAD until you hear a beep.

"WAIT" is shown on the display.

STEP 2 Insert a CD when the indicator on the slot turns from amber to green.

The display changes from "WAIT" to "LOAD".

The indicator on the slot turns to amber when the CD is inserted.

STEP 3 Insert the next CD when the indicator on the slot turns from amber to green again.

Repeat the procedure for the remaining CDs.

To stop the operation, press  .

Ejecting CDs

Ejecting a CD

STEP 1 To select the CD to be ejected, press “∧” or “∨” on  .



The number of the CD selected is shown on the display.

STEP 2 Press  and remove the CD.

Ejecting all the CDs

Press and hold  until you hear a beep, and then remove the CDs.

Selecting, fast-forwarding, and scanning tracks

Selecting a track

Press “∧” to move up and “∨” to move down using  until the desired track number is displayed.

To fast forward or reverse, press and hold “∧” or “∨” on  .

Scanning a CD

STEP 1 Press  .

The first ten seconds of each track will be played.

STEP 2 Press  again when the desired track is reached.

Selecting a CD

To select a CD to play

To select the desired CD, press "∧" or "∨" on .

To scan loaded CDs

STEP 1 Press and hold until you hear a beep.

The first ten seconds of the first track on each CD will be played.

STEP 2 Press again when the desired CD is reached.

Random playback

Current CD

Press (RAND).

Songs are played in random order until random playback is canceled.

All CDs

Press and hold (RAND) until you hear a beep.

Tracks on all loaded CDs are played in a random order until (RAND) is pressed once more.

Repeat play

To repeat a track

Press (RPT).

To repeat all of the tracks on a CD

Press and hold (RPT) until you hear a beep.

Switching the display

Press .

Each time is pressed, the display changes in the order of Track no./Elapsed time → CD title → Track name.

Display

Up to 12 characters can be displayed at a time.

If there are 13 characters or more, pressing and holding TEXT for 1 second or more will display the remaining characters.
A maximum of 24 characters can be displayed.

If TEXT is pressed for 1 second or more again or has not been pressed for 6 seconds or more, the display will return to the first 12 characters.

Depending on the contents recorded, the characters may not be displayed properly or may not be displayed at all.

Canceling random, repeat and scan playback

Press 1 (RAND), 2 (RPT), or SCAN again.

When “LOAD”, “ERROR” or “WAIT” is shown on the display

“LOAD”: This indicates that the CD player has completed loading the CD.

“ERROR”: Make sure the label of the displayed disc is facing up, and then reinsert it in the player.

“WAIT”: Operation is stopped due to a high temperature inside the player. Wait for a while and then press DISC·AUX. Contact your Lexus dealer if the CD still cannot be played back.

Discs that can be used

Discs with the marks shown below can be used.
Playback may not be possible depending on recording format or disc features, or due to scratches, dirt or deterioration.

COMPACT disc DIGITAL AUDIO — COMPACT disc DIGITAL AUDIO TEXT — COMPACT disc DIGITAL AUDIO Recordable — COMPACT disc DIGITAL AUDIO ReWritable

CDs with copy-protection features may not play correctly.

CD player protection feature

To protect the internal components, playback is automatically stopped when a problem is detected.

If CDs are left inside the CD player or in the ejected position for extended periods

CDs may be damaged and may not play properly.

Lens cleaners

Do not use lens cleaners. Doing so may damage the CD player.

NOTICE

CDs and adapters that cannot be used

Do not use the following types of CDs, 3 in. (8 cm) CD adapters or Dual Disc. Doing so may damage the CD player and/or the CD insert/eject function.



- CDs that have a diameter that is not 4.7 in. (12 cm).



- Low-quality and deformed CDs.

NOTICE



- CDs with a transparent or translucent recording area.



- CDs that have had tape, stickers or CD-R labels attached to them, or that have had the label peeled off.

CD player precautions

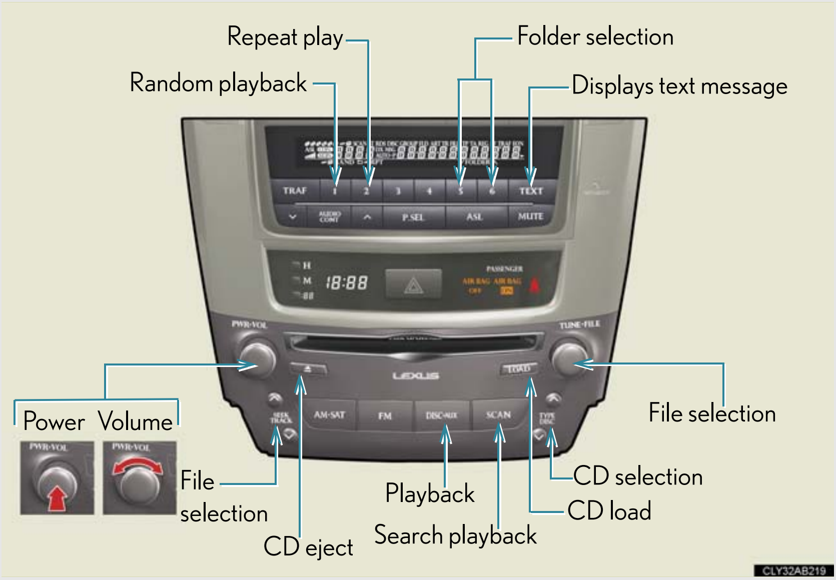
Failure to follow the precautions below may result in serious damage to the CDs or the player itself.

- Do not insert anything other than CDs into the CD slot.
- Do not apply oil to the CD player.
- Store CDs away from direct sunlight.
- Never try to disassemble any part of the CD player.



- Do not insert more than one CD at a time.

Playing back MP3 and WMA discs



Loading, ejecting and selecting MP3 and WMA discs

→P. 229

Selecting a folder

- **Selecting folders one at a time**

  Press 6 (∧) or 5 (∨) to select the desired folder.

- **Selecting the desired folder by cueing the first file of each folder**

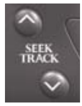
  Press and hold SCAN until you hear a beep. When the desired folder is reached, press SCAN once again.

- **Returning to the first folder**

  Press and hold 5 (∨) until you hear a beep.

Selecting files

■ Selecting one file at a time

Turn  or press "∧" or "∨" on  to select the desired file.

■ Selecting the desired file by cueing the files in the folder

Press .

When the desired file is reached, press  once again.

Repeat play

■ Repeating a file

Press  (RPT).

■ Repeating all of the files in a folder

Press and hold  (RPT) until you hear a beep.

Random playback

■ To play files from a particular folder in random order

Press  (RAND).

■ To play all of the files on a disc in random order

Press and hold  (RAND) until you hear a beep.

Switching the display

Press .

Each time  is pressed, the display changes in the order of Folder no./File no./Elapsed time → Folder name → File name → Album title (MP3 only) → Track title → Artist name.

■ **Display**

Up to 12 characters can be displayed at a time.

If there are 13 characters or more, pressing and holding TEXT for 1 second or more will display the remaining characters.
A maximum of 24 characters can be displayed.

If TEXT is pressed for 1 second or more again or has not been pressed for 6 seconds or more, the display will return to the first 12 characters.

Depending on the contents recorded, the characters may not be displayed properly or may not be displayed at all.

■ **Canceling random, repeat and scan playback**

Press 1 (RAND), 2 (RPT), or SCAN again.

■ **When "LOAD", "ERROR", "WAIT" or "NO MUSIC" is shown on the display.**

"LOAD": This indicates that the CD player has completed loading the CD.

"ERROR": Make sure the label of the displayed disc is facing up, and then reinsert it in the player.

"WAIT": Operation is stopped due to a high temperature inside the player. Wait for a while and then press DISC·AUX. Contact your Lexus dealer if the CD still cannot be played back.

"NO MUSIC": This indicates that the MP3/WMA file is not included in the CD.

■ **Discs that can be used**

Discs with the marks shown below can be used.
Playback may not be possible depending on recording format or disc features, or due to scratches, dirt or deterioration.

■ **CD player protection feature**

To protect the internal components, playback is automatically stopped when a problem is detected while the CD player is being used.

■ **If CDs are left inside the CD player or in the ejected position for extended periods**

CDs may be damaged and may not play properly.

- **Lens cleaners**

  Do not use lens cleaners. Doing so may damage the CD player.

- **MP3 and WMA files**

  MP3 (MPEG Audio LAYER 3) is a standard audio compression format.

  Files can be compressed to approximately 1/10 of their original size by using MP3 compression.

  WMA (Windows Media™ Audio) is a Microsoft audio compression format.

  This format compresses audio data to a size smaller than that of the MP3 format.

  There is a limit to the MP3 and WMA file standards and to the media/formats recorded by them that can be used.

  - MP3 file compatibility
    - Compatible standards
      MP3 (MPEG1 LAYER3, MPEG2 LSF LAYER3)
    - Compatible sampling frequencies
      MPEG1 LAYER3: 32, 44.1, 48 (kHz)
      MPEG2 LSF LAYER3: 16, 22.05, 24 (kHz)
    - Compatible bit rates (compatible with VBR)
      MPEG1 LAYER3: 64, 80, 96, 112, 128, 160, 192, 224, 256, 320 (kbps)
      MPEG2 LSF LAYER3: 64, 80, 96, 112, 128, 144, 160 (kbps)
    - Compatible channel modes: stereo, joint stereo, dual channel and monaural
  - WMA file compatibility
    - Compatible standards
      WMA Ver. 7, 8, 9
    - Compatible sampling frequencies
      32, 44.1, 48 (kHz)
    - Compatible bit rates (only compatible with 2-channel playback)
      Ver. 7, 8: CBR 48, 64, 80, 96, 128, 160, 192 (kbps)
      Ver. 9: CBR 48, 64, 80, 96, 128, 160, 192, 256, 320 (kbps)

- Compatible media

Media that can be used for MP3 and WMA playback are CD-Rs and CD-RWs.

Playback in some instances may not be possible, depending on the status of the CD-R or CD-RW. Playback may not be possible or the audio may jump if the disc is scratched or marked with fingerprints.

- Compatible disc formats

The following disc formats can be used.

- Disc formats: CD-ROM Mode 1 and Mode 2
  CD-ROM XA Mode 2, Form 1 and Form 2
- File formats: ISO9660 Level 1, Level 2, (Romeo, Joliet)
  MP3 and WMA files written in any format other than those listed above may not play correctly, and their file names and folder names may not be displayed correctly.

Items related to standards and limitations are as follows.

- Maximum directory hierarchy: 8 levels
- Maximum length of folder names/file names: 32 characters
- Maximum number of folders: 192 (including the root)
- Maximum number of files per disc: 255

- File names

The only files that can be recognized as MP3/WMA and played are those with the extension .mp3 or .wma.

- Multi-sessions

As the audio system is compatible with multi-sessions, it is possible to play discs that contain MP3 and WMA files. However, only the first session can be played.

- ID3 and WMA tags

ID3 tags can be added to MP3 files, making it possible to record the track title and artist name, etc.

The system is compatible with ID3 Ver. 1.0, 1.1, and Ver. 2.2, 2.3 ID3 tags. (The number of characters is based on ID3 Ver. 1.0 and 1.1.)

WMA tags can be added to WMA files, making it possible to record the track title and artist name in the same way as with ID3 tags.

- MP3 and WMA playback

  When a disc containing MP3 or WMA files is inserted, all files on the disc are first checked. Once the file check is finished, the first MP3 or WMA file is played. To make the file check finish more quickly, we recommend you do not write in any files other than MP3 or WMA files or create any unnecessary folders.

  Discs that contain a mixture of music data and MP3 or WMA format data cannot be played.

- Extensions

  If the file extensions .mp3 and .wma are used for files other than MP3 and WMA files, they will be mistakenly recognized and played as MP3 and WMA files. This may result in large amounts of interference and damage to the speakers.

- Playback

  • To play MP3 file with steady sound quality, we recommend a fixed bit rate of 128 kbps and a sampling frequency of 44.1 kHz.
  • CD-R or CD-RW playback may not be possible in some instances, depending on the characteristics of the disc.
  • There is a wide variety of freeware and other encoding software for MP3 and WMA files on the market, and depending on the status of the encoding and the file format, poor sound quality or noise at the start of playback may result. In some cases, playback may not be possible at all.
  • When files other than MP3 or WMA files are recorded on a disc, it may take more time to recognize the disc and in some cases, playback may not be possible at all.
  • Microsoft, Windows, and Windows Media are the registered trademarks of Microsoft Corporation in the U.S.A. and other countries.

NOTICE

CDs and adapters that cannot be used

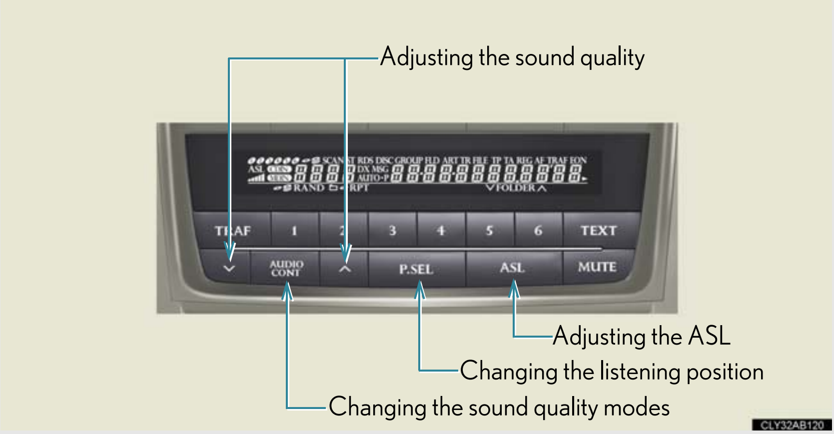
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CD player precautions

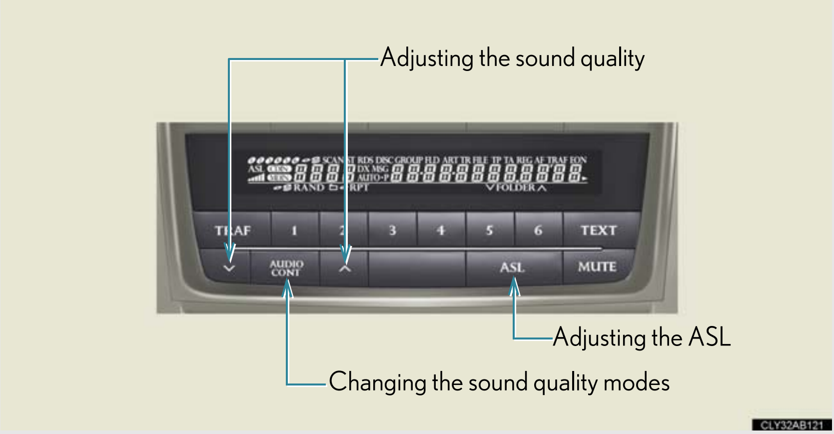
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Optimal use of the audio system

▶ Type A



▶ Type B



Adjusting the Automatic Sound Levelizer (ASL)

Press  .

The ASL switches between on and off modes each time  is pressed.

ASL automatically adjusts the volume and tone quality according to the noise level as you drive your vehicle.

Changing the listening position (type A only)

The sound feel setting can be changed to produce the best sound for each listening position.

Press  (position selector) to change the setting.

The display changes as follows each time  is pressed.

Display	Listening position
“DRIVER”	Position best suited to the driver’s seat
“FRONT”	Position best suited to the driver’s and front passenger seats
“REAR”	Position best suited to the rear seats
“ALL”	Position best suited to all seats

Adjusting sound quality and volume balance

■ Changing sound quality modes

Press 

Pressing  changes the sound mode in the following order.

“BAS”→“MID”→“TRE”→“FAD”→“BAL”→“SURROUND”*

*: Type B only

Adjusting sound quality

Press  or  to adjust the level.

Mode displayed	Sound quality mode	Level	Press ∨	Press ∧
"BAS"*1	Bass	-5 to 5		
"MID"*1	Mid-range	-5 to 5	Low	High
"TRE"*1	Treble	-5 to 5		
"FAD"	Front/rear volume balance	F7 to R7	Shifts to rear	Shifts to front
"BAL"	Left/right volume balance	L7 to R7	Shifts to left	Shifts to right
"SURROUND"*2	Surround	On/off	Off	On

*1: The sound quality level is adjusted individually in each AM, FM or CD mode.

*2: Type B only

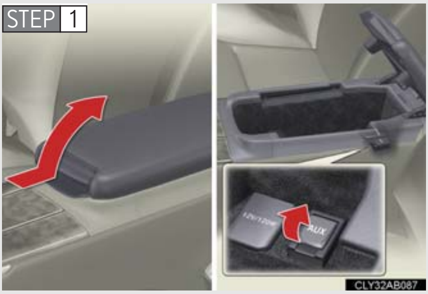
Surround sound system (type B only)

When the surround mode is on, the matrix 7.1 surround sound system provides a realistic sound field.

Using the AUX adapter

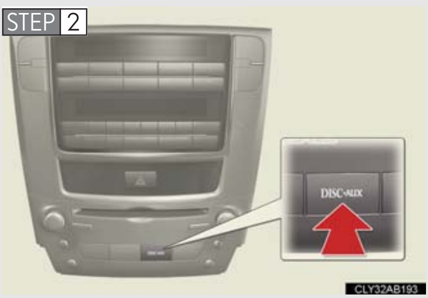
This adapter can be used to connect a portable audio device and listen to it through the vehicle's speakers.

STEP 1



Open the cover and connect the portable audio device.

STEP 2



Press 

.

- **Operating portable audio devices connected to the audio system**

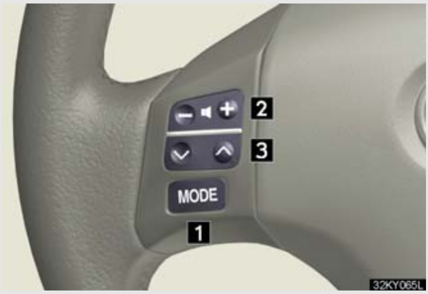
  The volume can be adjusted using the vehicle's audio controls. All other adjustments must be made on the portable audio device itself.

- **When using a portable audio device connected to the power outlet**

  Noise may occur during playback. Use the power source of the portable audio device.

Using the steering wheel audio switches

Some audio features can be controlled using the switches on the steering wheel.



1 Turns the power on, select audio source

2 Volume

3 Radio: Select radio stations
CD: Select tracks, files (MP3 and WMA) and discs

Turning on the power

Press  when the audio system is turned off.

The audio system can be turned off by holding  down for 1 second or more.

Changing the audio source

Press  when the audio system is turned on. The audio source changes as follows each time  is pressed. If no discs are inserted in the player, that mode will be skipped.

FM1→FM2→CD changer→AUX→AM→SAT1→SAT2→SAT3

Adjusting the volume

Press “+” on  to increase the volume and “-” to decrease the volume.

Hold down  to continue increasing or decreasing the volume.

Selecting a radio station

STEP 1 Press MODE to select the radio mode.

STEP 2 Press "∧" or "∨" on  to select a radio station.

To scan for receivable stations, press and hold  until you hear a beep.

Selecting a track/file

STEP 1 Press MODE to select the CD mode.

STEP 2 Press "∧" or "∨" on  to select the desired track/file.

Selecting a disc in the CD player

STEP 1 Press MODE to select the CD mode.

STEP 2 Press and hold "∧" or "∨" on  until a beep is heard.

⚠ CAUTION

- **To reduce the risk of an accident**

  Exercise care when operating the audio switches on the steering wheel.